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ABSTRACT

A method of operating a computer system with a central processing unit, a plurality of peripheral units coupled with the central processing unit, and a power management unit coupled with the central processing unit and the plurality of peripheral units for reducing power consumption during a stand-by mode, whereby a suspend routine is executed to transition from a normal operating mode into a stand-by mode and a resume routine is executed to transition back from a stand-by mode to a normal operating mode, moves specific moveable tasks from the resume routine path to the suspend routine path. Thus, recovery from a stand-by mode is performed much faster.